

**NORTH MAHARASHTRA UNIVERSITY,
JALGAON**

IDEAL (External Mode) Department

SYLLABUS FOR

**M.A. DEFENCE & STRATEGIC
STUDIES -1ST YEAR**

PAPER-1-DEFENCE ECONOMICS & DEFENCE

PRODUCTION IN INDIA

Unit-1- Contemporary Economic Theories- Adam Smith, Marshal, Sey & Keynes

- a) Economic Welfare and National income-Meaning, Scope Relation between Economic Welfare & National income & concept\
- b) Gross National Product and Gross domestic product Definition & Concept.

Unit-2-India's Economic Planning

- a) Defence Budgeting Objectives & Function.
- b) principles of Defence budget.
- c) Parliamentary Control Over the budgeting .
- d) Determinant & performancr Of Defence budget.

Unit-3-Analysis Of India's Defence expenditure since 1947to till date.

Unit-4-Resources of mobilization for war and their problems.

- a) Economic Mobilisation.
- b) Natural Resources Mobilisation.
- c) Man – Power Mobilisation.
- d) Industrial Mobilisation.
- e) Industrial Mobilisation.
- f) Technological Mobilisation.

Unit-5-Defence and Development

- a) Future Technology & Defence expenditure-Nuclear, space, Dual Technology.
- b) Gun-butter Problem.

Unit-6-Defence Production in India

- a) Defence production organisation.
- b) Defence Research & Development organization Role & Function in Defence Production

Unit-7-Armed forces Requirements & their Production Role of Institution since 1947 to Till date

(weapons, Tanks, Ammunition, vehicles, Electronics Equipment, Engineering Equipment, Aircraft, Naval Workshop etc.

Unit-8-Defence Industries

- a) Govt. Public sector undertaking
- b) Public sector
- c) Private sector undertaking

Unit-9-Self-sufficiency and self Reliance In Defence production

- a) Arms and Ammunitions
- b) Electrical, Electronics and Engineering Equipments
- c) Heavy Vehicles and light vehicles.
- d) Air craft production,
- e) ships building etc.

Unit-10-Foreign Collaboration for defence production-Meaning Type of collaboration and problems.

PAPER-2 RESEARCH METHODOLOGY & TECHNIQUES

Unit-1-Scientific & Social Research

Meaning, Definitions, characteristics & objectives

Unit-2-Type of social Research

Basic assumptions of social research steps, importance and utility of social Research.

Unit-3-Information of problems in social Research

- a) Meaning of formulation of problems.
- b) Factors in formulation of problems.
- c) process of formulation of problems.
- d) Essential conditions of formulation of problems

Unit-4-Hypothesis

- a) Meaning Definitions & scope.
- b) characteristics & sources of Hypothesis
- c) Type importance & utility of Hypothesis

Unit-5-Research Design

- a) Meaning & Definitions
- b) characteristics & objectives
- c) Type of Research design

Unit-6-Data collection

- a) Meaning & Importance of Data Collection.
- b) Type & Tools of Data.

Unit-7-Research Techniques

- a) Type of Research Techniques,
- b) Meaning, Nature, characteristics of projective Techniques.
- c) Main projective Technique.

Unit-8-Research Methods

- a) Explanatory
- b) Descriptive.
- c) Diagnostic.
- d) Experimental, Historical, case study.
- e) Field studies & survey.
- f) Statistical Methods.

Unit-9-Research Report Writing.

Determinants, characteristics and objectives.

Unit-10-Computer Application in Research.

- a) Name & characteristics of computer.
- b) use of computer in Research coating.

PAPER-3 GEOPOLITICS & MILITARY GEOGRAPHY

Unit-1- Geopolitics.

- a) Definition.
- b) Origin.
- c) Geopolitics in war & Peace.
- d) Importance.

Unit-2-Evolution of Geopolitical thoughts since 19th Century.

- a. Karl Haushoffer.
- b. A.T.Mohan.
- c. Afford Mackinder.
- d. Guilio Douhet.

Unit-3-Territory and state.

- a) Territory-Definition concept and Elements.
- b) Nation-state-concept and Elements.

Unit-4-Geostrategy.

- a) Introduction, Definition, concept & scope.
- b) Models of Geostrategic pan.Regions.
- c) Strategic regions by s.b.chohen.

Unit-5-Strategic Minerals.

- a) Importance.
- b) Uses.

Unit-6-Military Geography

- a) Definition, concept, scope &Importance.
- b) Planning process, Geography as a planning Factor.
- c) Man & environment-Determinism & possibilism.

Unit-7-Geography and Warfare

- a) Land warfare.
- b) Air Warfare.
- c) Amphibious Warfare.
- d) War &Environment.
- e) Cyber warfare.

Unit-8-Logistics

- a) Definition & scope.
- b) Importance of Resources & Industries in supply-chain & logistics.

Unit-9- Transportation & communication.

- a) Importance ,Transportation and communication by land, Air and sea
- b) Problems & Logistics supply-jungle, desert, plain, High Altitudes and Rivers Crossing.

Unit-10-Current Trends

- a) Geo-Economics.
 - b) Globalization and security.
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PAPER-4-INTERNATIONAL RELATIONS IN MODERN TIMES & INDIA & HER NEIGHBOURS.

Unit-1-International Relations.

- a) Meaning & Nature.
- b) Scope.
- c) Purpose & Importance.

Unit-2-Theories & concepts.

- a) Realistic & Idealistic.
- b) System Theory.
- c) Decision Making Theory.
- d) Game Theory.

Unit-3-united Nations Organisation (UN).

- a) Origin, structure, objectives, principles and Main organs of UN.
- b) Role of the UN-Disarmaments and Arms control.

Unit-4-International Law.

- a) Extradition.
- b) Asylum.
- c) Intervention.
- d) Neutrality.

Unit-5-Detente.

- a) Concept, Meaning and causes of Detente.
- b) Non Alignment.
- c) Non Alignment Movement and its Development
- d) Role of India in Non alignment Movement.

Unit-6- India

- a) Ggostrategic
- b) Land Borders.
- c) Marytime Boundries.

Unit-7-India & Pakistan.

- a) Historical Background.
- b) Indo –Pak Wars.
- c) Issues between India & Pakistan.

Unit-8-India &China

- a) Historical Background of Border Dispute.
- b) Tibet Issue.
- c) Indo-china War 1962.

Unit-9-India & Bangladesh

- a) India's Role In Independence of Bangladesh.
- b) Socio-Cultural Linkage.
- c) Ethnic Conflicts & India's Role.

Unit-10-India & Shrilanka

- a) Historical Background.
- b) socio-Cultural Linkage.
- c) Ethnic Conflicts & India's Role.

Unit-11-India & Himalayain Kingdoms

- a) Nepal.
- b) Bhutan.
- c) Present Status & Development.

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SYLLABUS FOR

M.A.- DEFENCE & STRATEGIC

STUDIES-2ND YEAR

PAPER-1. NATIONAL SECURITY

1. National Security-
 - i) Key Concept of Security
 - ii) Evolution of Concept of National Security
 - iii) Recent trends of National security
2. Objectives and core values of National Interest and National Security.
3. Challenges to National Security
 - i) Ethnic
 - ii) Economical (Before & After Recession)
 - iii) Tecnological (Space, Nuclear, Information)
 - iv) Military (Missile, Aircrafts & Nuclear Delivery System)
4. Treats to National Security
 - i) Drug Trafficking
 - ii) Small Arms Trading
 - iii) Money Laundering
 - v) Terrorism .
5. Environmetal Security
 - i) Challenges .
 - ii) Food Security
 - iii) Water Security
 - iv) War & Environment
 - v) Disasters & Environment
6. National Security of India
 - i) Introduction
 - ii) Values of India's National Security
 - iii) Historical Development.

7. National Security Planning of India
 - i) Financial
 - ii) Political
 - iii) Scientific & Technological
 - v) Military.

8. Organisational Structure of National Security For India Higher Defence Organisation of India
 - ii) National Security Council
 - iii) Para military Forces & Civil Defence
 - iv) Civil Military Relations

9. Threats to India's internal Security
 - i) Economical (Center State Relations, Corruption, imbalance of Development)
 - ii) Socio Cultural(Communalism,Regionalism, Poverty, Gender)
 - iii) Insurgency
 - iv) Terrorism

10. India and Its Neighbor (Security Problems after 1990), and Emergence World

Reference Books -

- 1) Comprehensive Security of South Asia
- 2) K. Sunderji, Prepare and perish.
- 3) Ashok Joshi Lt. Restructuring of National Security
- 4) Blaauw K. The Millennium Thoughts Challenges to Service.
- 5) Singh Jasjeet, India Sixth State with Nuclear Weapons.
- 6) Geneva Small Arms Survey Report.
- 7) International Narco Control Report.
- 8) Patil V. T. trivedi P R Migration, Refugees And security in 21ST Century.
- 9) Dr. V. Y. Jadhav, Patil H S , Jagtik Surksha.
- 10) A P Chaudhari Rashtriya Surksha (Jagtik Drishtikon)

PAPER-2. INTERNATIONAL ORGANISATION

1. United Nations Organisation
 - i) Historical Background, Preamble, Objectives, Principles & Structure (in short)
 - ii) Main organs & their role
 - iii) Other organs and their role
2. Challenges to World Peace and Security
 - i) Peace Keeping and Peace Making
 - ii) Disarmament and Arms Control
 - iii) Land Mines
 - iv) Proliferation of Small Arms
3. Challenges of Social Security
 - i) Human Rights
 - ii) Human Rights of Woman & Children
 - iii) Humanitarian Relief
4. Challenges of Migration and Refugees
5. Challenges to Health Security 14 16
 - i) HIV / AIDS,
 - ii) Viral Infection,
 - iii) Diabetes,
 - iv) Avion Flue (Bird Flue)

6. Challenges to Environmental Security
 - i) Population
 - ii) Global Warming
 - iii) Water Security
7. Challenges to Organised Crime.
 - i) Terrorism
 - ii) Drug Trafficking
 - iii) Cyber Crime
8. Challenges to Militarisation of Space and Space Technology.
Challenges to Human Development and Economic
9. Issues.
10. Globalization and UNO.

References –

- 1) Karn Margaret, P.Karn A. Mingst, International Organisation, The Political and Process of Global Governance.
- 2) The Millennium Thought, Challenges to Service – Balan K.
- 3) Politics Among Nations – Morgenthau Hans
- 4) Enhancing United Nations, Peace keeping in Chadock, I Algen, Ed – The Future of UN System; Potential for 21st Century– Robert H Allen.
- 5) United Nations Peace keeping operations, the Challenges of Change in Regan MS UN 50 and beyond
- 6) Karn Margaret, P.Karn A. Mingst, International Organisation, The Political and Process of Global Governance.
- 7) The Millennium Thought, Challenges to Service – Balan K.
- 8) Politics Among Nations – Morgenthau Hans

- 9) Enhancing United Nations, Peace keeping in Chadock, I Algen,
Ed – The Future of UN System; Potential for 21st Century–
Robert H Allen.
 - 10) United Nations Peace keeping operations, the Challenges of
Change in Regan MS UN 50 and beyond.
 - 11) United Nations, Blue Book Series (various volumes)
 - 12) A Review of UN Peace Making – Blue Hel Mate (various years)
 - 13) UNDP Reports (various years)
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PAPER-3. INDIA'S WARS WITH PAKISTAN AND CHINA

1. Indo-Pakistan War 1947.
 - a) Background
 - b) Geographical Situation of Jammu and Kashmir.
 - c) Operation Gulmarg
 - d) Attack on Domel
2. Operation Vijay : Counter Attack of Jhanger
 - a) Operation Gulal
 - b) Use of Armour
 - c) Intervention of U.N.O.
 - d) Military lessons from the War (1947)
3. Indo-Pak War of 1965.
 - a) Background
 - b) Causes

- c) Comparative Military Strength
 - d) Operation on Kachha
4. Operation Gibraltar in Indo-Pak War of 1965.
- a) Operation Bakshi
 - b) Operation Grand Slam
 - c) Battle of Asal Uttar
 - d) Battle of Chhamb
5. Role of Airforce and Navy in Indo-Pak War of 1965.
- a) Air operations
 - b) Naval operations
 - c) Military lessons from the War (1965)
6. Indo-Pak War of 1971.
- a) Background
 - b) Causes
 - c)
 - i) Grand strategy and strategy of India and Pakistan
 - ii) Tactics of the battle of Khulna, Chitgaon, Dhaka, Battle of Khemkaran.
 - iii) Role of Navy and Airforce
 - iv) Effect and Consequences
7. Indo-Pak Conflict in 1999 (Kargil).
- a) Geographical Location
 - b) Background & Causes
 - c) Operation Vijay : Batalik Sector
 - d) Operation Safed Sagar
8. Operation Vijay : Drass Mushok Sector
- a) Role of Engineers and Signals in Kargil War
 - b) Role of Airforce
 - c) Role of Navy
 - d) Aftermath – (i) India, (ii) Pakistan

9. Indo-China War of 1962.
 - a) Background and Causes
 - b) Comparative Military Strength
 - c) Actual Conflict
 - d) Operation of NEFA
 - e) Operation of Ladakh
 - f) Military Lessons from the War
10. Futuristic approach of India with her Neighbours.
 - a) Pakistan
 - b) China

Reference Books –

1. Operations in Jammu and Kashmir 1947-48 Ministry of Defence Govt. of India, Thomson Press Ltd., New Delhi.
2. The Indian Army after Independence – K.C. Praval
3. History of Jammu and Kashmir Rifles – Maj K. Barhma Singh
4. The India Pakistan Air War of 1965 – P.V.S. Jagan Mohan and Sameer Chopra.
5. India-Pakistan War 1965 : Hiranman Gupta
6. India-Pak 1965 War : Role of Tanks – Lt.Col.Bhupinder Singh
7. The lightning Campaign the Indo-Pak War 1971 – D.K.Palit
8. Limited War with Pakistan : Will it secure India's Interest? Paper by Suba Chandran.
9. An analysis of Kargil Conflict 1999 – Souket Qadir
10. Kargil Cross Border Terrorism – M.K.Akbar
11. India Pakistan in War & Peace – J.N.Dixit

PAPER-4. MILITARY PSYCHOLOGY & SOCIOLOGY

1. Psychology and Armed Force

- i) Dimensions of Behavior – Motivation, reflective and cognitive process, Relevance of psychology in Defence Problems.
- ii) Personnel's selections and classifications of Defence services, use of intelligence to ground testing procedure and elementary personal testing.

2. Application of principles of psychology in Military training. Motivation, Learning, Transfer of training group and individual training.

3. Group Dynamics in Military Life.

- i) Group structure, types and their functions information of social news, group problems solving.
- ii) Leadership –Nature, Types of leadership, training and functions of leader.
- iii) Morale – Nature, Determinants and Techniques of boosting morale, its significance in defence.

4. Psychological Warfare.

- i) Nature, types of organizations and techniques of military propaganda.
- ii) Psychology of Rumour, Nature, Techniques and its merits and demerits, impact on war and society.
- iii) Structure – Theories and Techniques of cohesive persuasion, determinants of brain masking effects.

5. Mental Disorder of War (Abnormalities).

- i) Mental Health of Soldiers in War
- ii) Psychological disorder and emotional strains imposed by war conversion.
Hysteria, Anxiety and War Neurosis.

6. Social Institutions of the Armed Forces.

- i) Social base of Military Power
- ii) Social background of Defence Personnel
- iii) Social changes in the Character

7. The Military Organization

Hierarchy Co-ordination, Discipline, Motivation and Morale in the Armed Forces

.

8. Sociology of War.

i) Social Causes of War

ii) Social Mobilization of War

iv) Adjustment and emotional problems during War

9. Post War Social Problems.

i) Problems of large scale

ii) Disbandment of Personnel

iii) Rehabilitation

iv) Social adjustment of servicemen rebased after War

v) Effects of War on society

10. Military and Civil Relationship.

i) Soldier and Society

ii) Soldier and Political System

iii) Soldier and Productive System

iv) Image of the Soldier in different societies

v) Role of Armed Forces and Agencies in the social changes

vi) Modernisation and Economic Development

Reference Books –

1) The Role of Military as under Development Countries – Johnson John

2) Military Organization and Society – Jauki

3) Men in Uniform – Military Manpower in Modern Industrial Society –
Michael Fort R.D.

4) Society and Military Establishment – Morries Janowits

5) Military Instruments and the Sociology of
War

Reference Books –

1) Psychology to the Armed Forces – E.G.Boarding

2) Military Psychology – Raj Narayan

3) The Social Psychology of Military Science – Goldman

4) Men under Stress – R.R.Grinkar

5) Race Class and Military – Grile

6) The Role of Military as under Development Countries – Johnson John